



Large Series Breaker

Model: CH150

Parts Manual CH-Series



Part #CHE02411

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Contact Information - CH150



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Contact your Connect Work Tools Representative or the Connect Work Tools Parts Department for replacement manuals.
Inquiries regarding the content of this manual must include the release date shown below.

Information in this manual is subject to change without advance notice.

Table 1.1 About this manual

Document ID No.	CHE02411
Type	Parts
Release Date	February 2025
Product Name	Hydraulic Breakers
Series	CH
Applicable Models	CHE
Years of Manufacture	2025 & above

Table of Contents - CH150

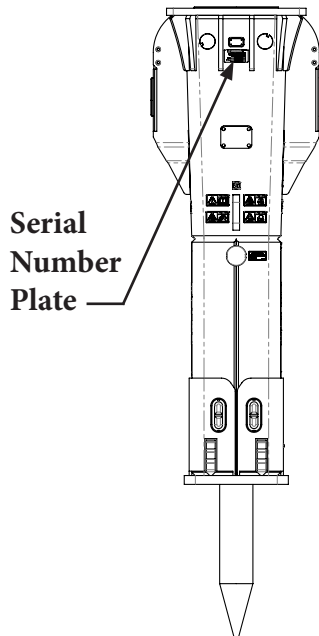
Table of Contents

Contact Information - CH150	3
1.0 Equipment Identification - CH150	
1.1 Location of Serial Number	5
1.2 Owner's Record of Equipment	5
2.0 Decals - CH150	
2.1 Standard Decals	6
2.2 Breaker CH150 Side-Plated Decal Placement	7
3.0 Hammer - CH150	
3.1 Hammer	8
3.2 Accumulator Sub Assembly	10
3.3 Valve Housing Sub Assembly	12
3.3.1 Check Valve Sub Assembly	14
3.3.2 Oper. Valve Sub Assembly	16
3.4 Seal Housing Sub Assembly	18
3.5 Cylinder Sub Assembly	20
3.6 Front Head Sub Assembly	22
3.7 Side Rod Sub Assembly	24
4.0 Housing - CH150	
4.1 Box Housing	26
5.0 Auto Grease Pump Option - CH150	
5.1 Refill Up Type	28
6.0 Seal Kit - CH150	30
7.0 Rebuild Kits - CH150	32
8.0 Tool Bits - CH150	33
9.0 Tools Nitrogen (N2) Charge Kit - CH150	33
10.0 Hoses - CH150	34
11.0 Mounting Lubricator - Medium Series - CH150	35
12.0 Breaker Mounted Lubricator - CH150	36
13.0 Breaker Carrier Mounted Lubricator	38
14.0 Quarry Wear Guard Kit - CH150	39

1.0 Equipment Identification - CH150

1.1 Location of the Serial Number Decal

Models: CH150



The Serial Equipment Identification Decal is affixed to the side of the housing box. It provides the following information:

- Serial Number:
- Model Number:
- Weight:
- Operating Pressure:
- Oil Flow:
- Carrier Relief Pressure:
- Nitrogen:

****Note: Prior to ordering parts, it's important to confirm your model and serial number**

CONNECTTM WORK TOOLS			
Serial Number:			
Model Number:			
Weight:		kg	lb
Operating Pressure:		bar	psi
Oil Flow:		l/min	gpm
Carrier Relief Pressure:		bar	psi
Nitrogen:		bar	psi

1.2 Owner's Record of the Equipment

Record the Model and Serial Number from the Serial Equipment Identification Tag to the space provided below. Indicate the date in which the Connect Work Tools equipment was placed into service.

Model CH150: CH150

Serial Number: _____

In Service Date: _____

Your Connect Work Tools representative requires this information to better assist you with questions regarding parts, warranty, operation, maintenance, or repair.

Your equipment must be registered by your local Distributor at the time of sale.

Product Registration Date: _____

2.0 Decals - CH150

2.1 Standard Decals



1. Part Number 16-00076 - Decal Warning Dust



2. Part Number 16-00077 - Decal Warning Flying Objects



3. Part Number 16-00078 - Decal Warning Read Manual



4. Part Number 16-00079 - Decal Warning Noise



5. Part Number 16-00080 - Decal Grease Point



6. Part Number 16-00081 - Decal Warning Safe Distance



7. Part Number CHE00162 - Decal CH150



8. Part Number CHE00385 - Decal Connect Logo CH150



9. Part Number CHE00127 - Decal SN Plate (Not included in Decal Kit)



10. Part Number 16-00082 - Decal Lift Point



11. Part Number CHE00111 - Decal Warning Nitrogen (N²)

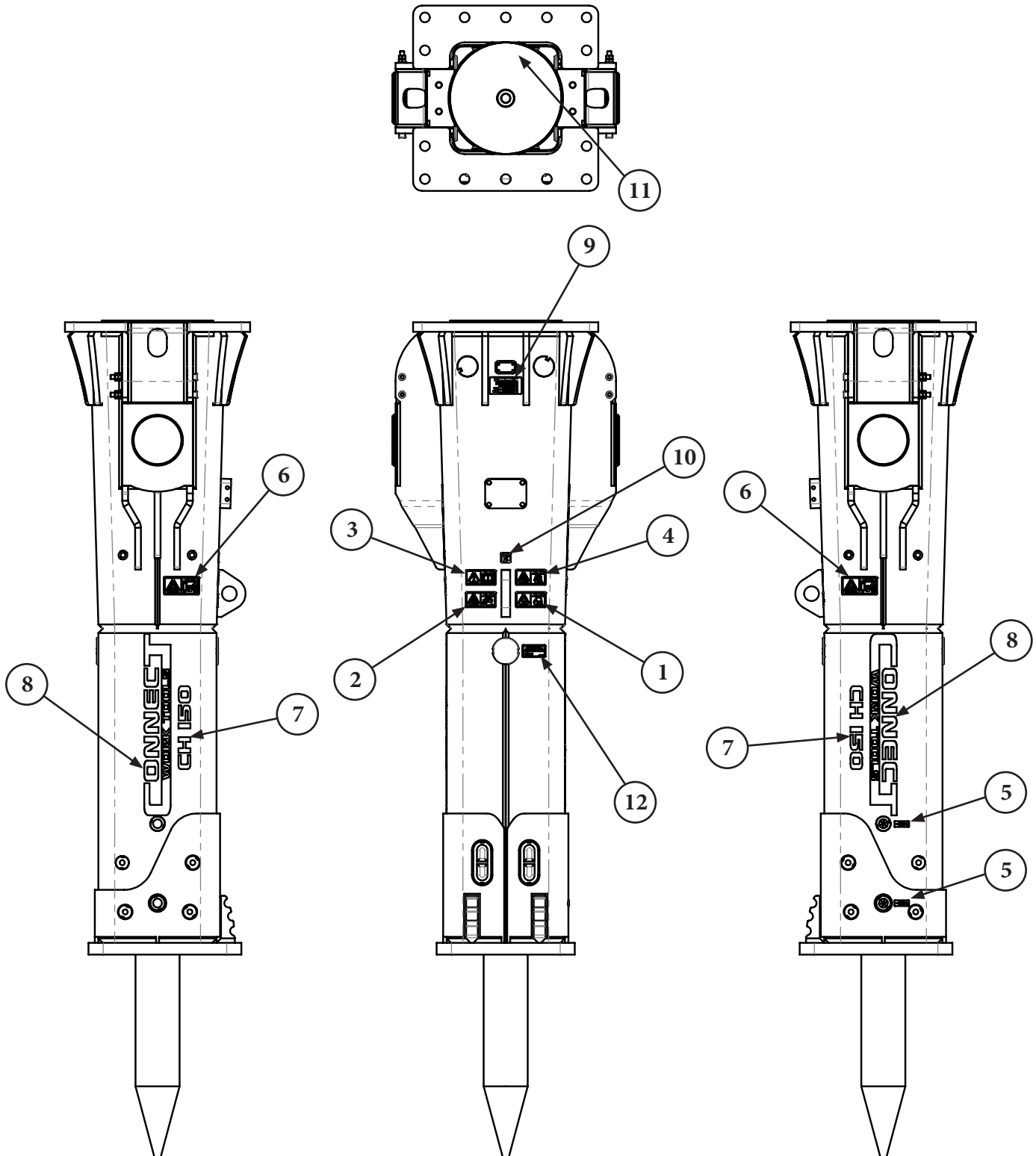


12. Part Number CHE00596 - Decal Warning Anti-Blank Fire (CH100 Model only)

All decals pictured are included in decal kits (with exception of No. 10)

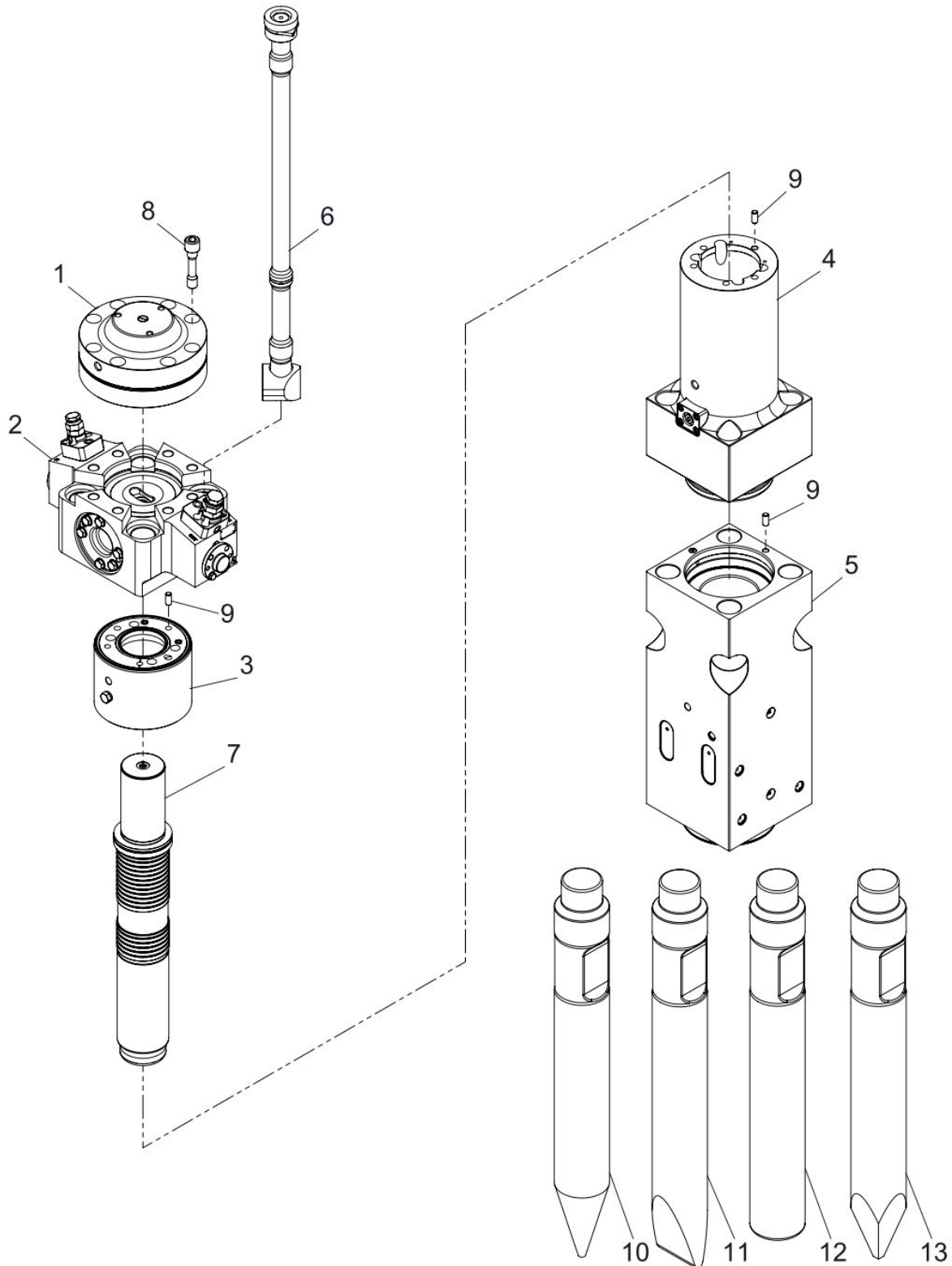
2.0 Decals - CH150

2.2 CH150 Breaker Decal Placement



3.0 Hammer - CH150

3-1. Hammer

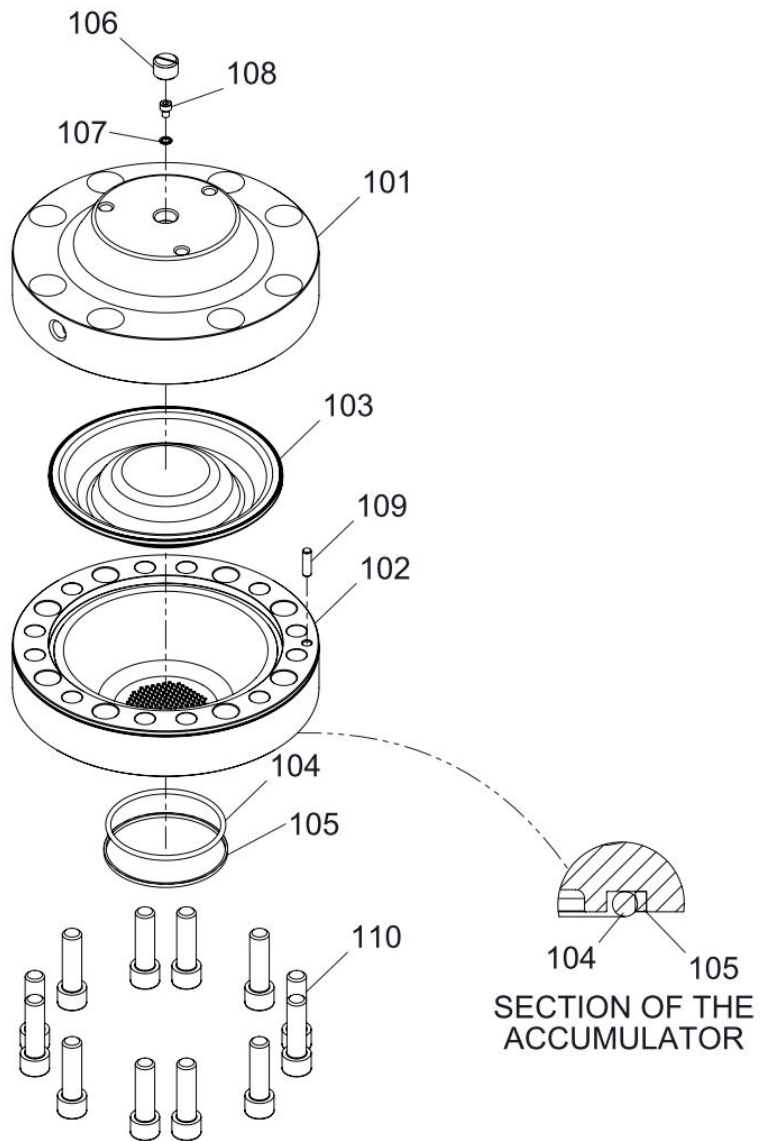


3.0 Hammer - CH150

NO.	PART NO.	PART NAME	QTY	REMARK
	CHD0302	HAMMER TOTAL ASSY	1	
1	CHB2506900	ACC. SUB ASSY	1	
2	CHB280601A	VALVE HOUSING SUB ASSY	1	
3	CHB280602A	SEAL HOUSING SUB ASSY	1	
4	CHB280603A	CYLINDER SUB ASSY	1	
5	CHB280604A	FRONT HEAD SUB ASSY	1	
6	CHB2806230K	SIDE ROD SUB ASSY	4	
7	CHB2806210	PISTON	1	
8	CHB2506100	ACCUMULATOR COVE BOLT	8	
9	CHB4006310	GUIDE PIN	3	
10	CHB2806250	TOOL-CONE	1	OPTION
11	CHB2806260	TOOL-CHISEL	1	OPTION
12	CHB2806270	TOOL-BLUNT	1	OPTION
13	CHB2806280	TOOL-MOIL	1	OPTION
	CHB2807200	SEAL KIT		

3.0 Hammer - CH150

3-2. Accumulator Sub Assembly

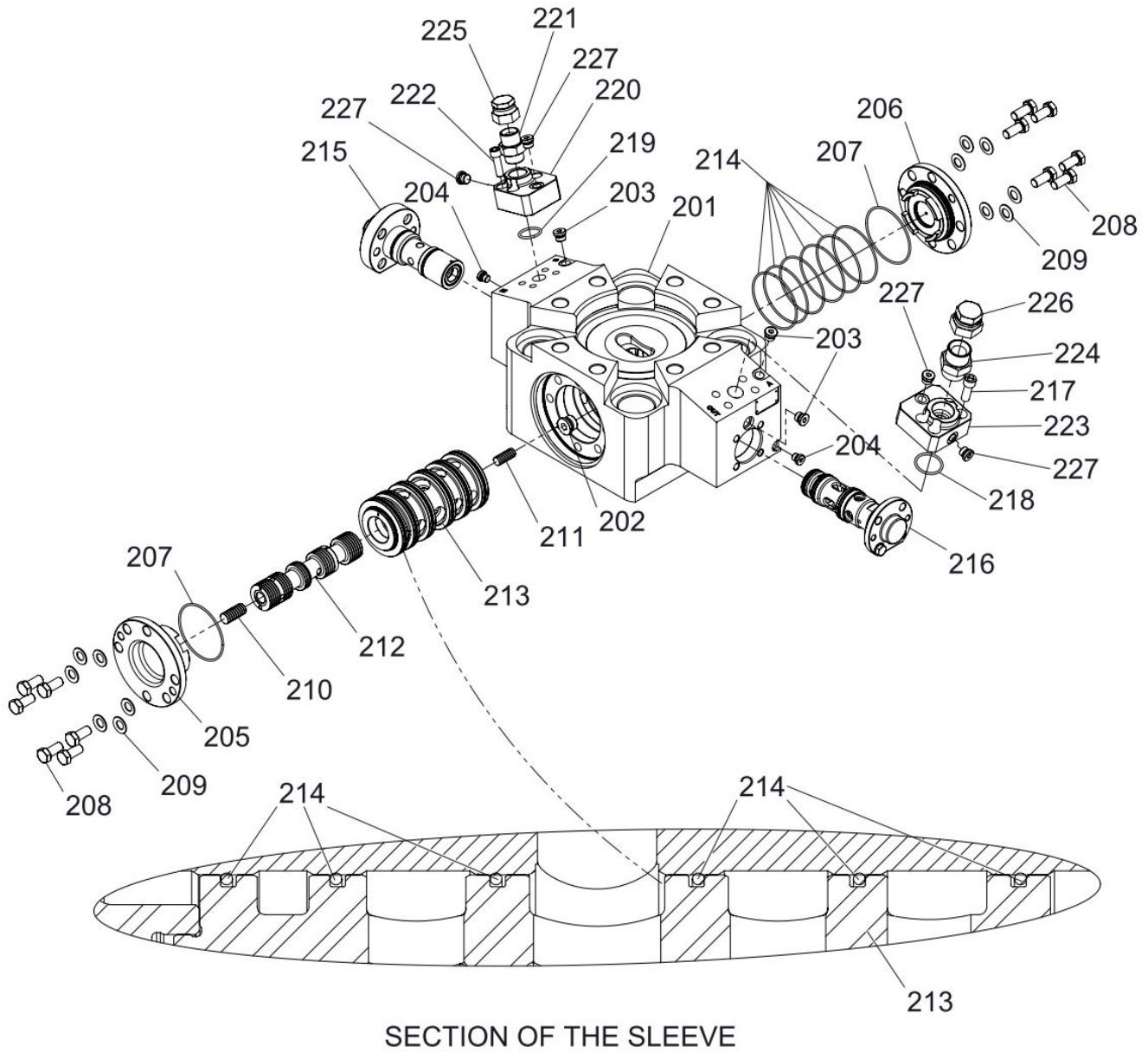


3.0 Hammer - CH150

NO.	PART NO.	PART NAME	QTY	REMARK
1	CHB2506900	ACC. SUB ASSY	1	
101	CHB2506020	ACCUMULATOR COVER	1	
102	CHB250603A	ACCUMULATOR BOTTOM	1	
103	CHB300704U	MEMBRANE	1	
104	CHB2507270	O-RING	1	PART OF SEAL KIT
105	CHB2507280	BACK UP RING	1	PART OF SEAL KIT
106	CHB4007010	ACC. CAP	1	
107	CHB4007020	USIT RING	1	PART OF SEAL KIT
108	CHB4006420	ACC.GAS BOLT	1	
109	CHB4006370	GUIDE PIN	1	
110	CHSB2215075	SOCKET BOLT	12	

3.0 Hammer - CH150

3-3. Valve Housing Sub Assembly

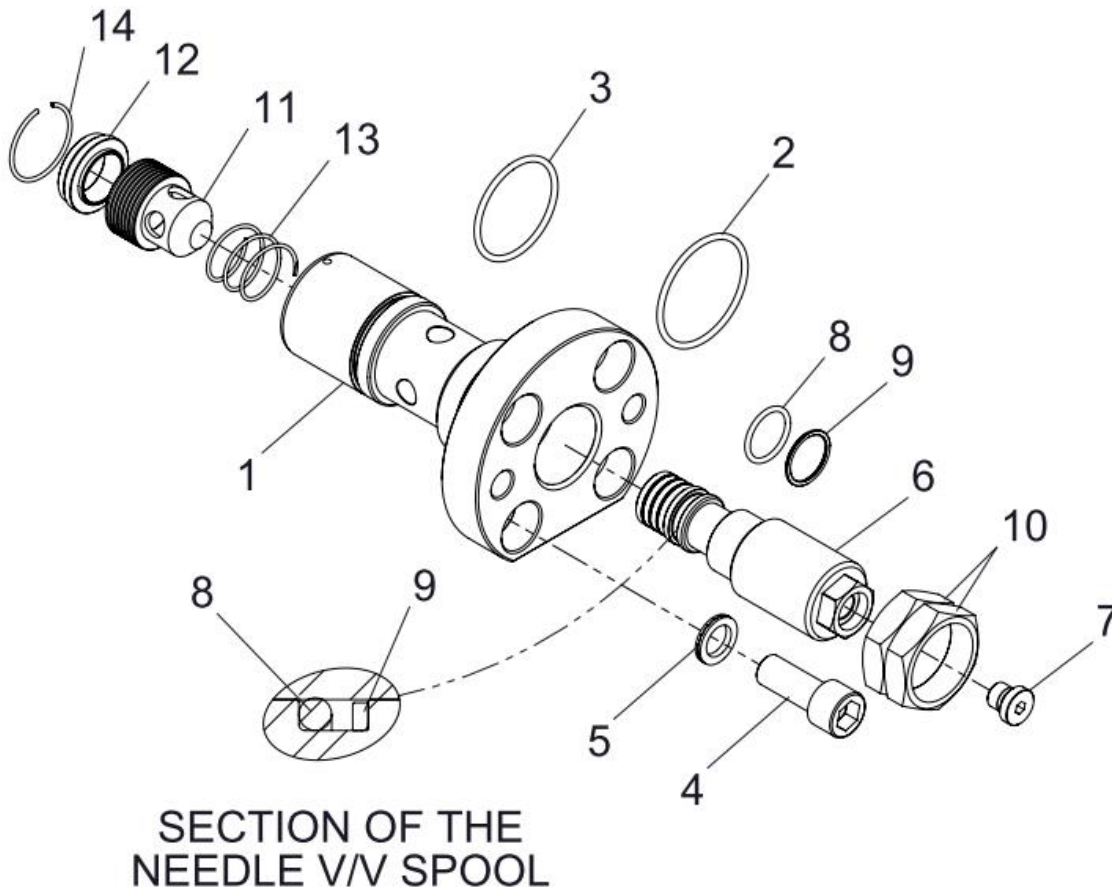


3.0 Hammer - CH150

NO.	PART NO.	PART NAME	QTY	REMARK
2	CHB280601A	VALVE HOUSING SUB ASSY	1	
201	CHB2806110	VALVE HOUSING	1	
202	CHB2506520	SOCKET PLUG	1	
203	CHB4006910	SOCKET PLUG	3	
204	CHB4006450	SOCKET PLUG	2	
205	CHB2506150	SLEEVE COVER 1	1	
206	CHB2506240	SLEEVE COVER 2	1	
207	CHB2507120	O-RING	2	PART OF SEAL KIT
208	CHHB1620035	HEX BOLT	12	
209	CHCW160000	CONICAL WASHER	12	
210	CHB2506250	SPOOL 1	1	
211	CHB2506160	SPOOL 2	1	
212	CHB2506170	MAIN SPOOL	1	
213	CHB2506180	SLEEVE	1	
214	CHB2507070	O-RING	6	PART OF SEAL KIT
215	CHB280606A	NEEDLE VALVE SUB ASSY	1	
216	CHB180655A	OPER VALVE SUB ASSY	1	
217	CHSB1420040	SOCKET BOLT	4	OPTION
218	CHB4007060	O-RING	1	OPTION

3.0 Hammer - CH150

3.3.1 Needle Valve Sub Assembly

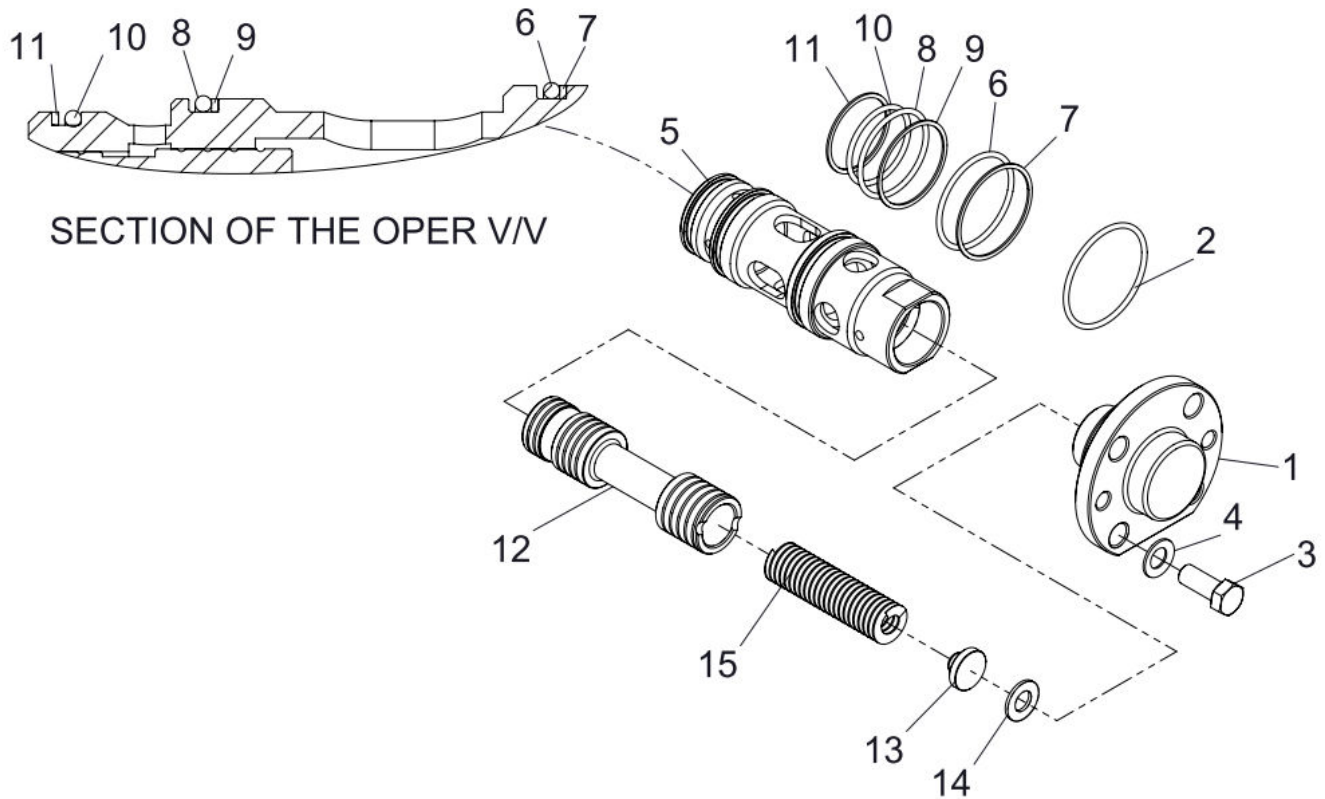


3.0 Hammer - CH150

NO.	PART NO.	PART NAME	QTY	REMARK
215	CHB280606A	NEEDLE VALVE SUB ASSY	1	
1	CHB6006910	NEEDLE VALVE HOUSING	1	
2	CHB4007190	O-RING	1	PART OF SEAL KIT
3	CHB2507200	O-RING	1	PART OF SEAL KIT
4	CHSB1620040	SOCKET BOLT	4	
5	CHNDLW1600	NORD LOCK WASHER	4	
6	CHB6006920	NEEDLE VALVE SPOOL	1	
7	CHB4006450	SOCKET PLUG	1	
8	CHB4007260	O-RING	1	PART OF SEAL KIT
9	CHB3206940	BACKUP RING	1	PART OF SEAL KIT
10	CHB6006930	NUT	2	
11	CHB4006220	CHECK VALVE SPOOL	1	
12	CHB4006230	CHECK V/V SPRING GUIDE	1	
13	CHB4006480	CHECK VALVE SPRING	1	
14	CHB4006490	LOCK RING	1	

3.0 Hammer - CH150

3.3.2 Oper. Valve Sub Assembly

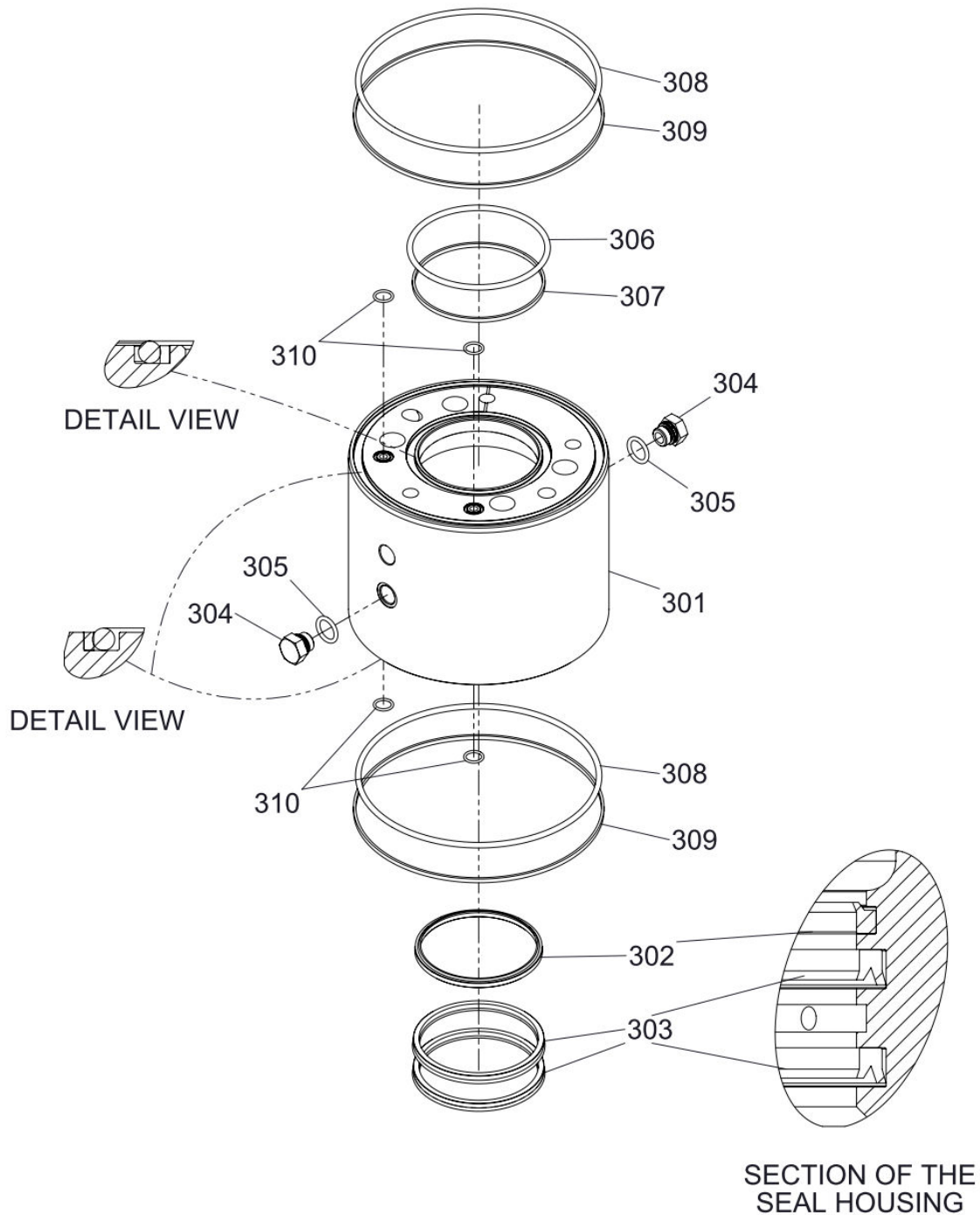


3.0 Hammer - CH150

NO.	PART NO.	PART NAME	QTY	REMARK
216	CHB180655A	OPER VALVE SUB ASSY	1	
1	CHB2506300	OPER. VALVE COVER	1	
2	CHB4007200	O-RING	1	PART OF SEAL KIT
3	CHHB1217030	HEX. BOLT	4	
4	CHCW120000	CONICAL WASHER	4	
5	CHB2506260	OPER. VALVE GUIDE	1	
6	CHB4007190	O-RING	1	PART OF SEAL KIT
7	CHB6007350	BACK UP RING	1	PART OF SEAL KIT
8	CHB2507200	O-RING	1	PART OF SEAL KIT
9	CHB2507360	BACK UP RING	1	PART OF SEAL KIT
10	CHB2507190	O-RING	1	PART OF SEAL KIT
11	CHB2507350	BACK UP RING	1	PART OF SEAL KIT
12	CHB2506270	OPER. VALVE SPOOL	1	
13	CHB2506280	OPER. VALVE SPRING GUIDE	1	
14	CHB2506440	SHIM PLATE	1	
15	CHB2506870	OPER. VALVE SPRING	1	

3.0 Hammer - CH150

3.4 Seal Housing Sub Assembly

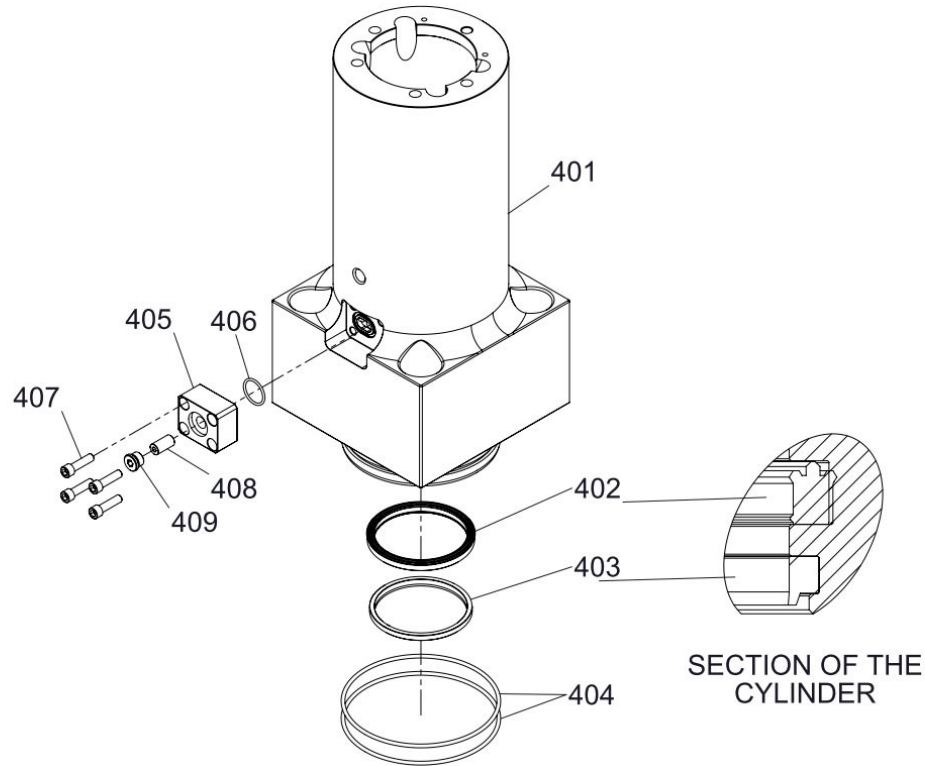


3.0 Hammer - CH150

NO.	PART NO.	PART NAME	QTY	REMARK
3	CHB280602A	SEAL HOUSING SUB ASSY	1	
301	CHB2806090	SEAL HOUSING	1	
302	CHB2807120	WIPER	1	PART OF SEAL KIT
303	CHB2807130	SEAL	2	PART OF SEAL KIT
304	CHB2006870	AIR VENT PLUG	2	
305	CHB0407150	O-RING	2	PART OF SEAL KIT
306	CHB2507080	O-RING	1	PART OF SEAL KIT
307	CHB2507090	BACK-UP RING	1	PART OF SEAL KIT
308	CHB3007100	O-RING	2	PART OF SEAL KIT
309	CHB3007110	BACK-UP RING	2	PART OF SEAL KIT
310	CHB4007310	O-RING	4	PART OF SEAL KIT

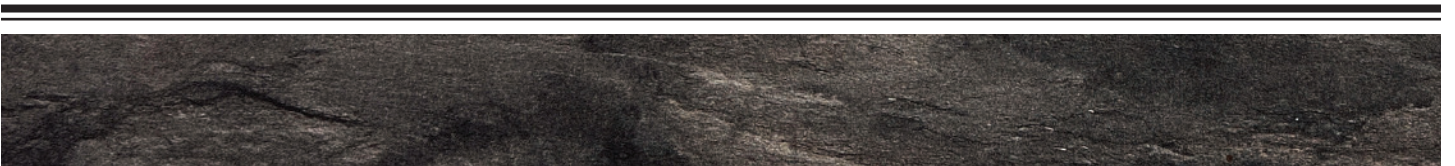
3.0 Hammer - CH150

3.5. Cylinder Sub Assembly



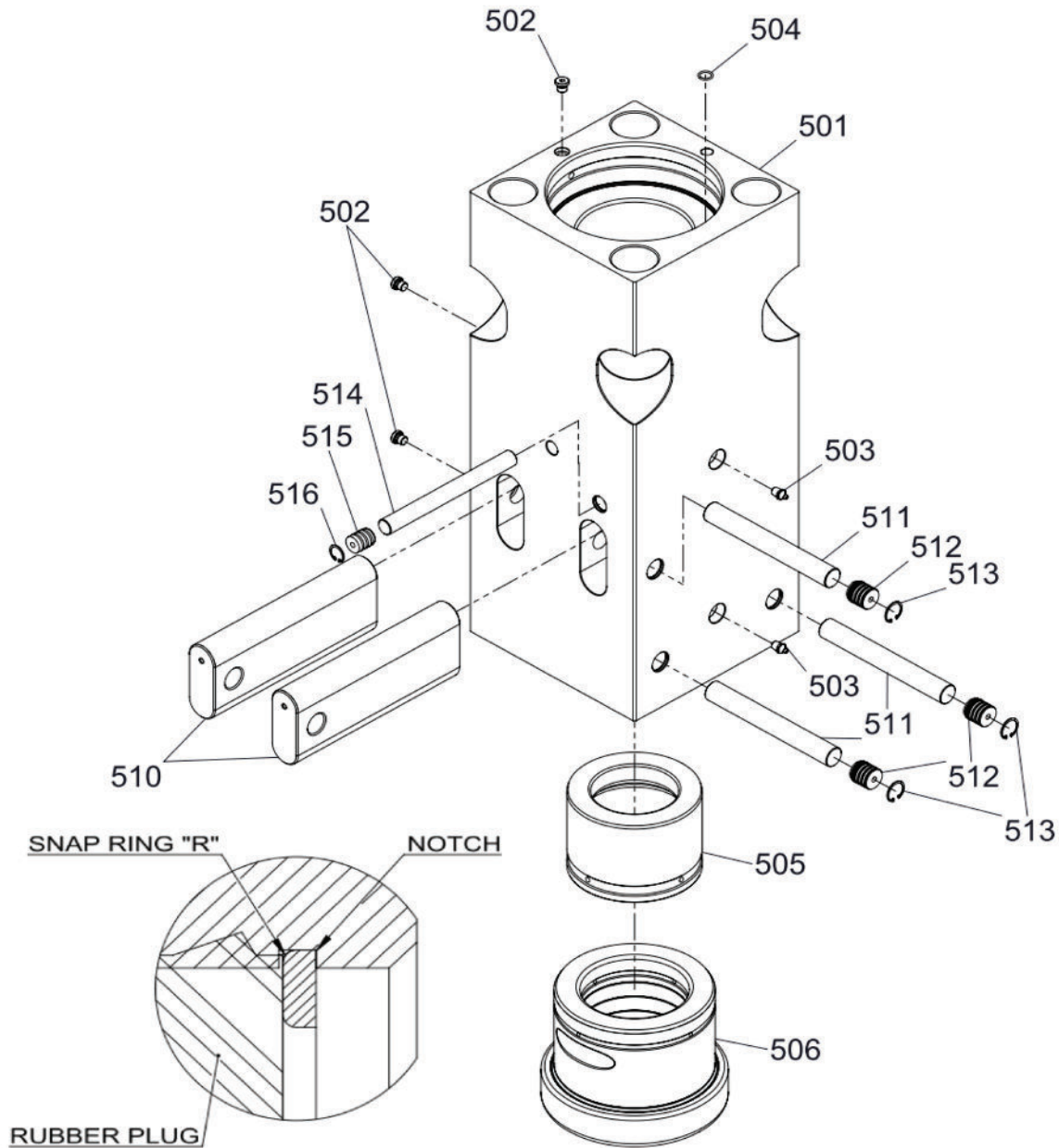
NO.	PART NO.	PART NAME	QTY	REMARK
4	CHB280603A	CYLINDER SUB ASSY	1	
401	CHB2806070	CYLINDER	1	
402	CHB2807030	SEAL	1	PART OF SEAL KIT
403	CHB2807040	WIPER	1	PART OF SEAL KIT
404	CHB2507130	O-RING	2	PART OF SEAL KIT
405	CHB2806360	STOP VALVE	1	
406	CHA3206550	O-RING	1	PART OF SEAL KIT
407	CHSB1217045	SOCKET BOLT	4	
408	CHB1406790	ASO PIN	1	
409	CHA1206780	METRIC HOLLOW HEX PLUG	1	

Notes

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3.0 Hammer - CH150

3.6 Front Head Sub Assembly

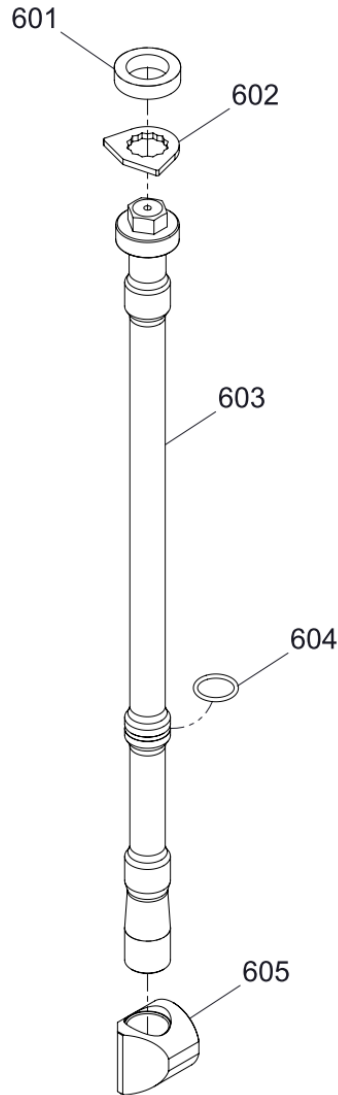


3.0 Hammer - CH150

NO.	PART NO.	PART NAME	QTY	REMARK
5	CHB280604A	FRONT HEAD SUB ASSY	1	
501	CHB2806020	FRONT HEAD	1	
502	CHB4006450	SOCKET PLUG	3	
503	CHB4006560	GREASE NIPPLE	2	
504	CHB4007310	O-RING	1	PART OF SEAL KIT
505	CHB2806030	UPPER BUSHING	1	
506	CHB2806050	TOOL BUSHING	1	
507	CHB2806320	TOOL INNER BUSHING	1	OPTION
508	CHB2806310	TOOL BUSHING	1	OPTION
509	CHB6007140	WIPER	1	OPTION
510	CHB2806040	TOOL PIN	2	
511	CHA5006050	BUSHING PIN	3	
512	CHB3006580	RUBBER PLUG	3	
513	CHB3006570	SNAP RING	3	
514	CHA3006230	BUSHING PIN	1	
515	CHB1806580	RUBBER PLUG	1	
516	CHB1806570	SNAP RING	1	

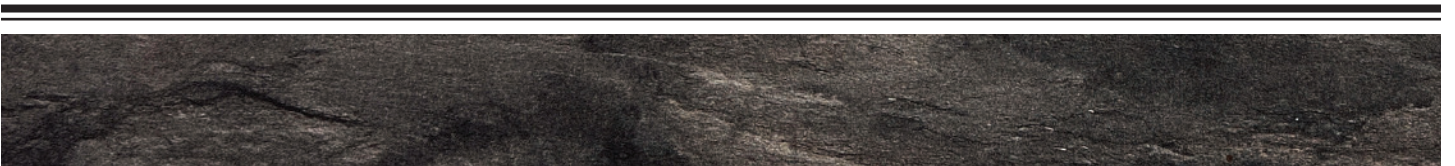
3.0 Hammer - CH150

3.7 Side Rod Sub Assembly



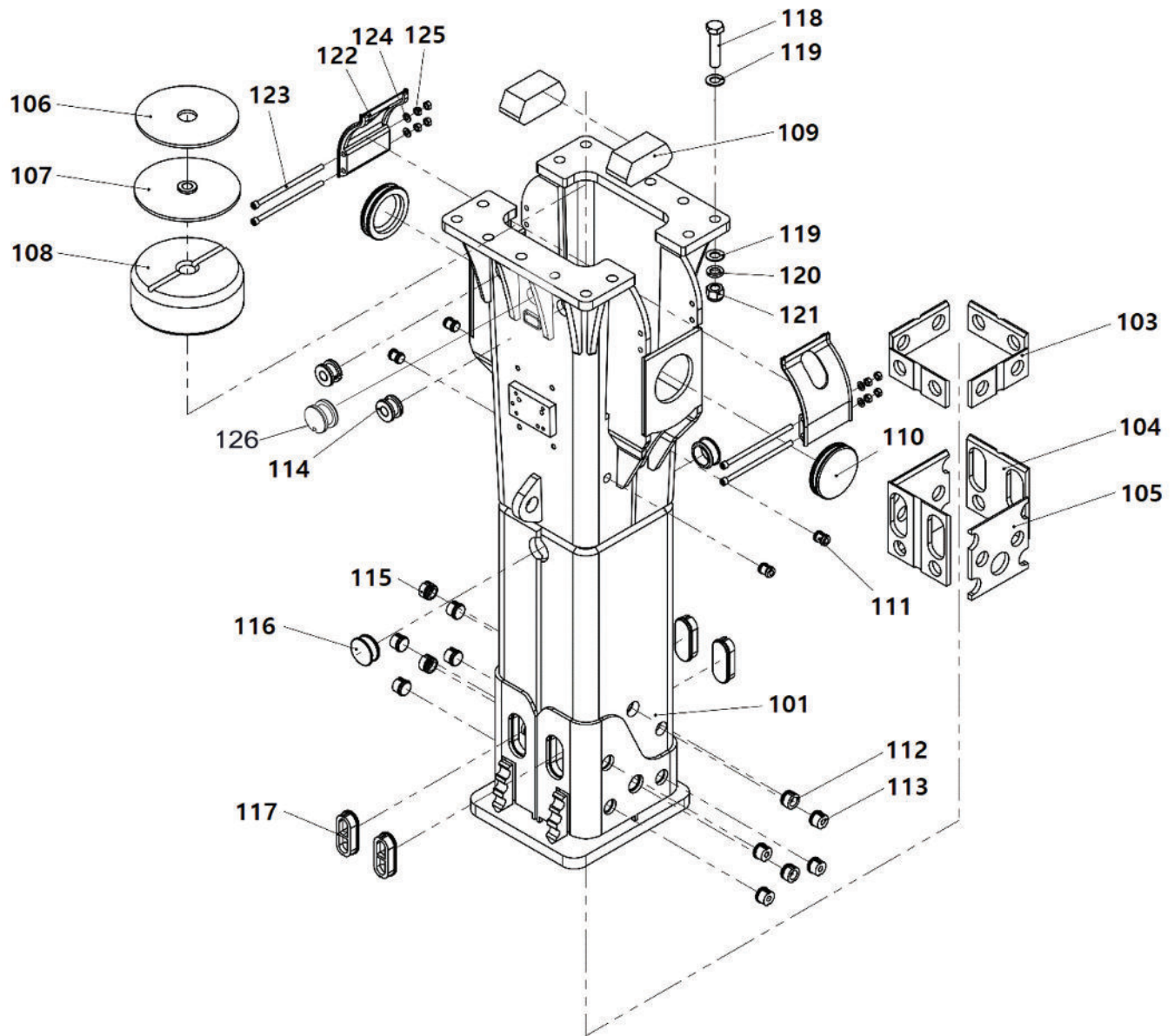
NO.	PART NO.	PART NAME	QTY	REMARK
6	CHB2806230K	SIDE ROD SUB ASSY	4	
601	CHB3007030	RUBBER RING	1	
602	CHB3006110	LOCK WASHER	1	
603	CHB2806230	SIDE ROD	1	
604	CHB2507250	O-RING	1	PART OF SEAL KIT
605	CHB2806240	SIDE ROD NUT	1	

Notes

[illegible]

4.0 Housing - CH150

4-1. R- Box Housing

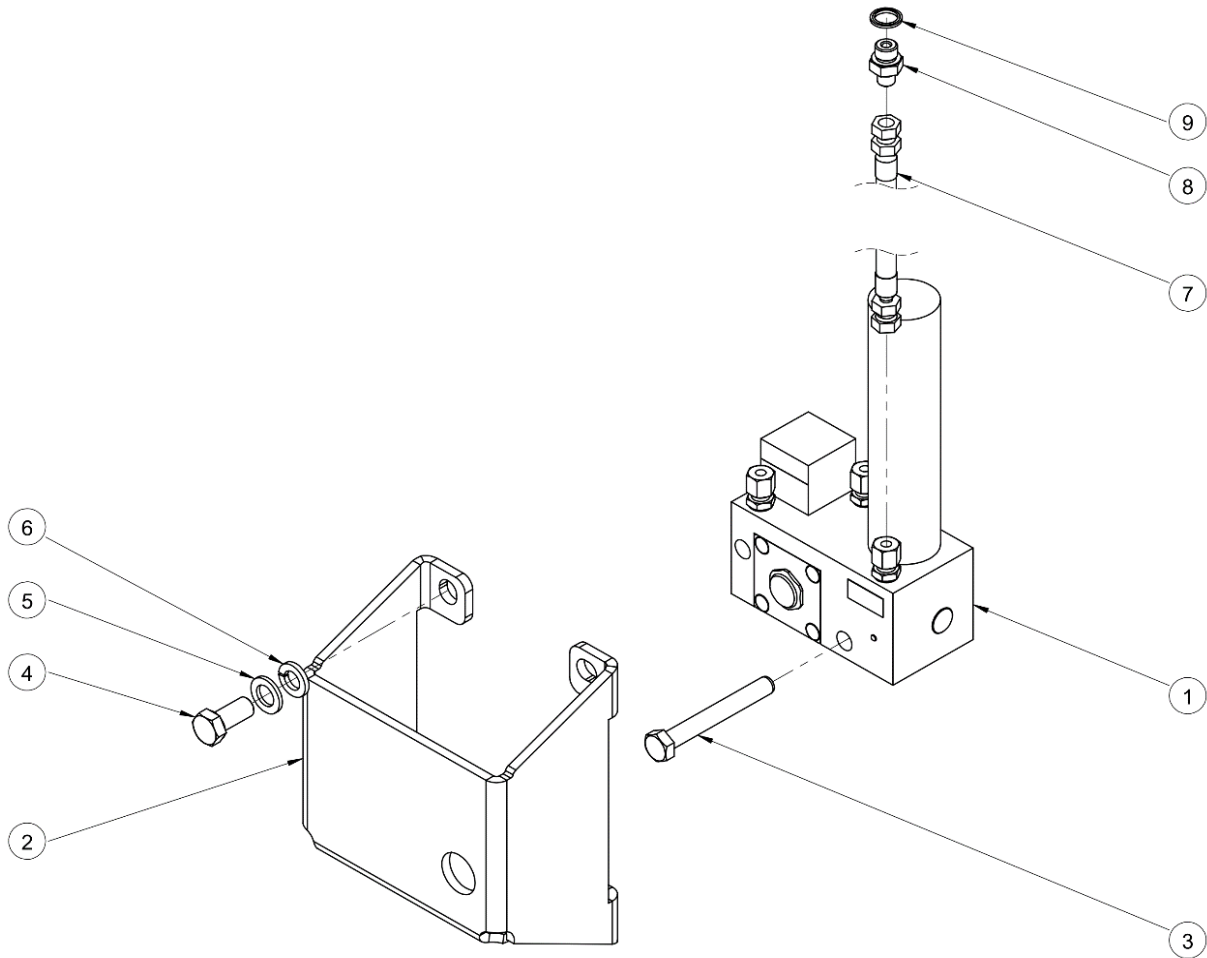


4.0 Housing - CH150

NO.	PART NO.	PART NAME	QTY	REMARK
	CHB2803100	HOUSING TOTAL ASSY	1	
101	CHB2803110	HOUSING WELD ASSY	1	
103	CHB2802140	WEARING PLATE	4	
104	CHB2802130	WEARING PLATE	2	
105	CHB2802120	WEARING PLATE	2	
106	CHB2500060	TOP WEARING PLATE	1	
107	CHB2500070	TOP PLATE ASSY	1	
108	CHB2500080	TOP BUFFER	1	
109	CHB2500090	SIDE BUFFER	2	
110	CHB2500100	RUBBER	2	
111	CHB3000140	RUBBER PLUG	4	
112	CHB3200050	RUBBER PLUG	2	
113	CHB4000120	RUBBER PLUG	8	
114	CHB400W27A	RUBBER PLUG	2	
115	CHB3200040	RUBBER GREASE	2	
116	CHB1601460	RUBBER PLUG	2	
117	CHB3000110	RUBBER PLUG	4	
118	CHB3035130	HEX BOLT	14	
119	CHPW300000	PLAIN WASHER	28	
120	CHSW300000	SPRING WASHER	14	
121	CHNN303500	NYLON NUT	14	
122	CHB2802150	PORT COVER	2	
123	CHSB1420280	SOCKET BOLT	4	
124	CHPW140000	PLAIN WASHER	4	
125	CHHN142000	HEX NUT	8	
126	CHB400W270	RUBBER PLUG	2	

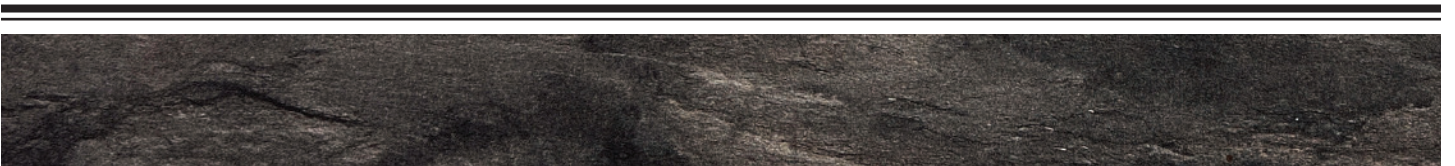
5.0 Auto Grease Pump Option - CH150

5-1. Refill Up Type

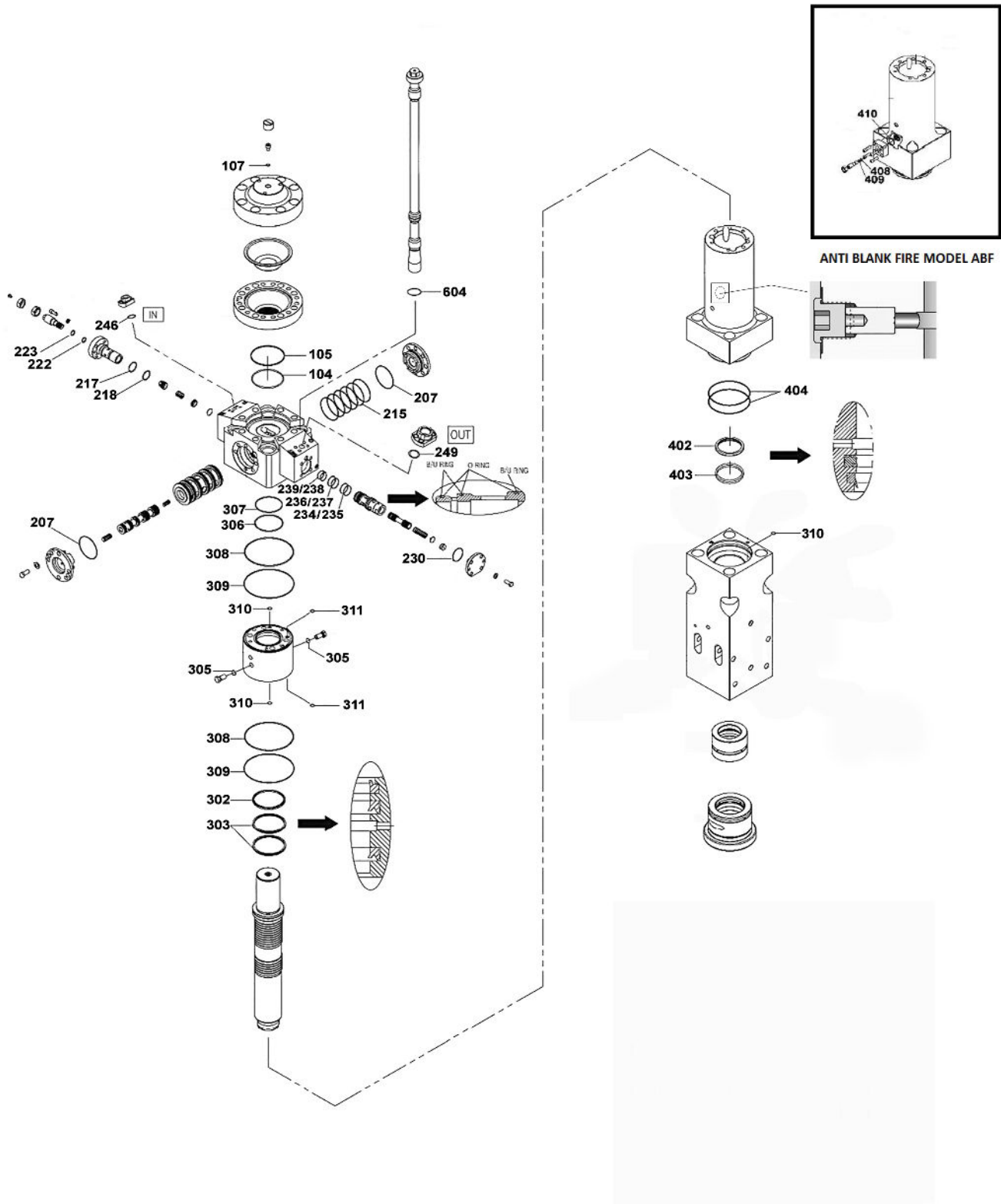


NO.	PART NO.	PART NAME	QTY	REMARK
	CHPHBKD	AUTO GREASE PUMP (BEKA) ASSY	1	
1	CHHAMAX2-100	AUTO GREASE PUMP (BEKA)	1	
2	CHB6003220	PUMP COVER	1	
3	CHHB1420110	HEX. BOLT	2	
4	CHHB1620035	HEX. BOLT	4	
5	CHPW160000	PLAIN WASHER	4	
6	CHSW160000	SPRING WASHER	4	
7	—	HOSE	3	
8	—	ADAPTER	3	
9	CHBS060000	BONDED SEAL	3	

Notes

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6.0 Seal Kits - CH150

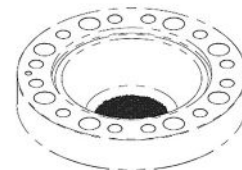
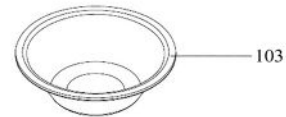
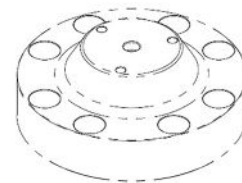
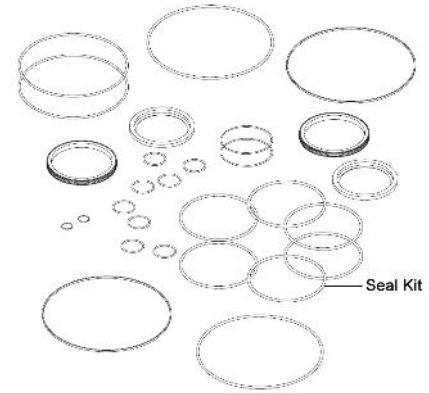
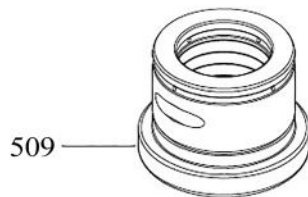
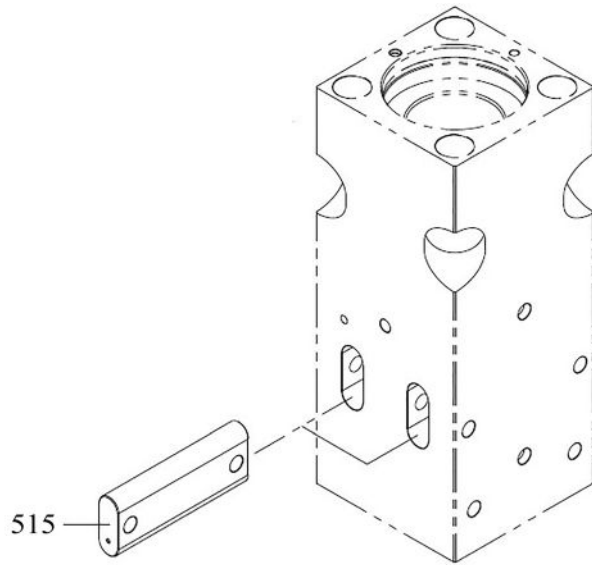


6.0 Seal Kits - CH150

Item	Illustration	QTY	Description	Part Number	Assembly Area
		1	SEAL KIT	CHB2807200HX	
1	246	1	O - RING	CHB4007050	FLANGE (IN)
2	248	1	O - RING	CHB4007060	FLANGE (OUT)
3	215	6	O - RING	CHB2507070	SLEEVE
4	306	1	O - RING	CHB2507080	SEAL HOUSING
5	307	1	BACK UP RING	CHB2507090	SEAL HOUSING
6	308	2	O - RING	CHB3007100	SEAL HOUSING
7	309	2	BACK UP RING	CHB3007110	SEAL HOUSING
8	207	2	O - RING	CHB2507120	SLEEVE COVER 1,2
9	404	2	O - RING	CHB2507130	CYLINDER
10	302	1	WIPER	CHB2807120	SEAL HOUSING
11	303	2	U - PACKING	CHB2807130	SEAL HOUSING
12	402	1	SEAL	CHB2807030	CYLINDER
13	403	1	WIPER	CHB2807040	CYLINDER
14	238	1	O - RING	CHB2500790	OPER. V/V GUIDE
15	239	1	BACK UP RING	CHB2507350	OPER. V/V GUIDE, Needle V/V
16	236	1	O - RING	CHB2507200	OPER. V/V GUIDE
17	237	1	BACK UP RING	CHB2507360	OPER. V/V GUIDE
18	234	1	O - RING	CHB4007190	OPER. V/V GUIDE
19	235	1	BACK UP RING	CHB6007350	OPER. V/V GUIDE
20	230	1	O - RING	CHB4007200	OPER. V/V COVER
21	604	4	O - RING	CHB2507250	SIDE ROD
22	107	1	USIT RING	CHB4007020	ACC. COVER
23	104	1	O - RING	CHB2507270	ACC. BOTTOM
24	105	1	BACK UP RING	CHB2507280	ACC. BOTTOM
25	217	1	O - RING	CHB2507200	NEEDLE V/V
26	310	5	O - RING	CHB4007310	SEAL HOUSING, CYLINDER, FH
27	222	1	O - RING	CHB4007260	NEEDLE V/V
28	223	1	BACK UP RING	CHB3206940	NEEDLE V/V
29	305	2	O - RING	CHB0407150	AIR VENT PLUG
30	408	1	O - RING	CHA3206550	CYLINDER / STOP VALVE
31	409	1	O - RING	CHB1807310	CYLINDER / ADJUST BOLT
32	410	1	BACK UP RING	CHA3007160	CYLINDER / ADJUST BOLT

7.0 Rebuild Kits - CH150

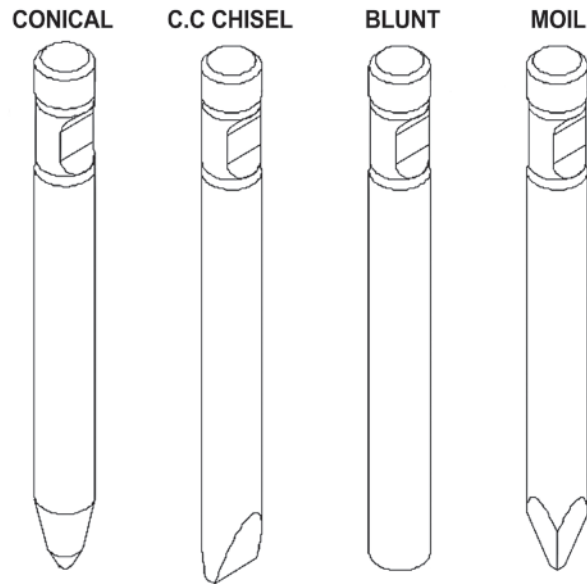
6.1 Rebuild Kits



REBUILD KIT - CH150			
ITEM	QTY	DESCRIPTION	PART NUMBER
	1	KIT	CHTKD030EXO
515	2	TOOL PIN	CHB2806040
509	1	TOOL BUSHING	CHB2806050
103	1	MEMBRANE	CHB300704A
	1	SEAL KIT	CHB2807200HX

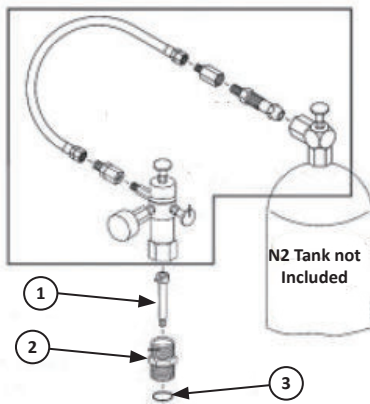
8.0 Tool Bits - CH150

7.1 Tool Bits



TOOL BITS - CH150	
TOOL TYPE	PART NUMBER
CONICAL	CHB2806250
CHISEL	CHB2806260
BLUNT	CHB2806270
MOIL	CHB2806280

9.0 Tools Nitrogen (N²) Charge K



NITROGEN CHARGE KIT
Part Number: CHT0006

TOOLING NITROGEN (N ₂) CHARGE KIT			
ITEM	PART NUMBER	DESCRIPTION	QTY
	CHT0006	N ₂ CHARGE KIT	1
1	CHBM1C60052	CHARGE TOOL SOCKET HEAD BOLT	1
2	CH1G020026	CHARGE TOOL ADAPTER	1
3	CGA2507380	O-RING	1

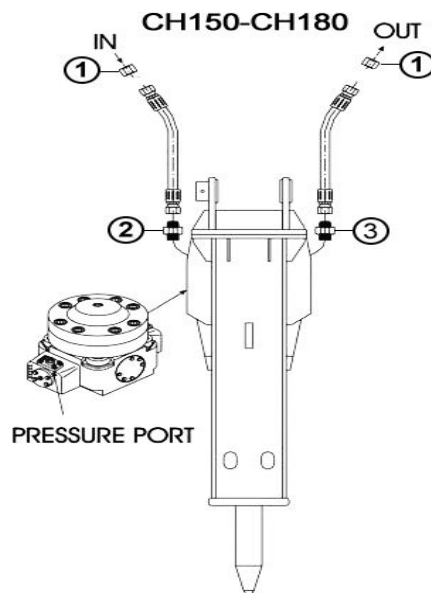
10.0 Hoses - CH150

MODEL	HOSE CHART - CH150				
	PART NUMBER	LENGTH	DIA. / PSI	FITTING 1	FITTING 2
CH150	40-02172	102"	1.25"/3000	20FJSW	20FJSW

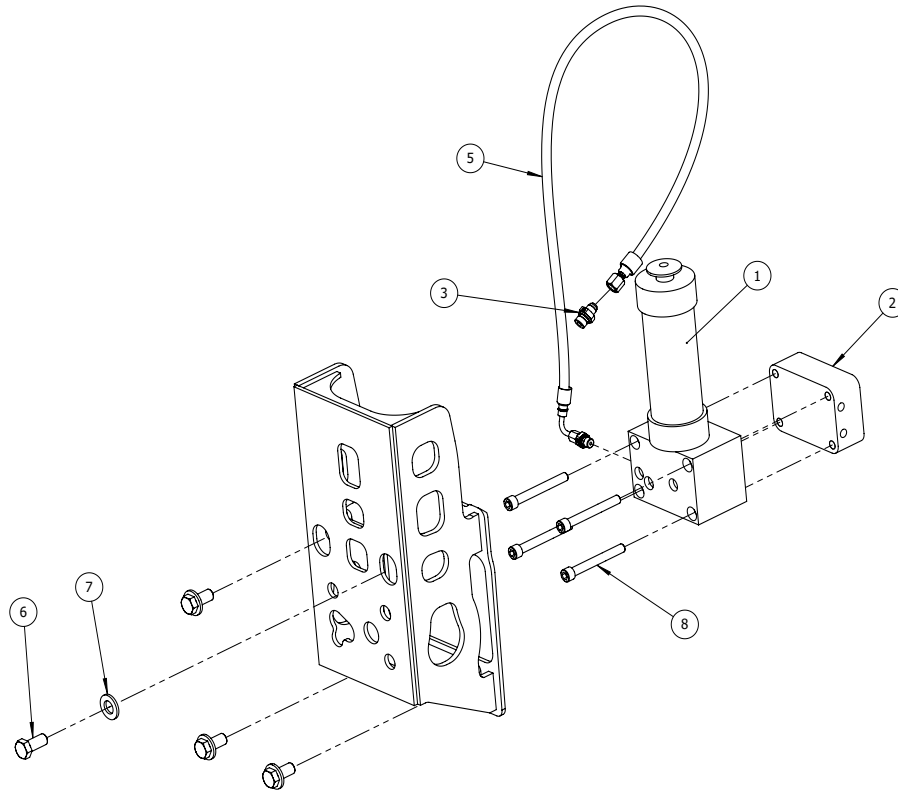
MODEL	HOSE PLUGS		
	PART NUMBER	ITEM	DESCRIPTION
CH150	CHE00200	1	Plug 20 JIC 37 Degree

MODEL	HOSE ADAPTORS - INLET BREAKER PORT				
	ADAPTOR PN #	ITEM	FLANGE	INLET ADAPTOR	HOSE / CARRIER
CH150	CHE00203	2	CHB1506670	-16 SAE ORB	-20 JIC

MODEL	HOSE ADAPTORS - OUTLET BREAKER PORT				
	ADAPTOR PN #	ITEM	FLANGE	OUTLET ADAPTOR	HOSE / CARRIER
CH150	CHE00204	3	CHC3006660	-20 SAE ORB	-20 JIC

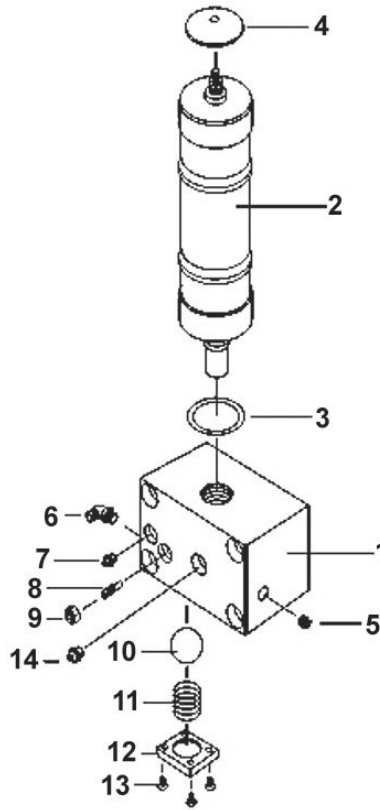


11.0 Mounted Lubricator - Large Series - CH150



MOUNTED LUBRICATOR - CH150			
ITEM	QTY	DESCRIPTION	PART#
1	1	PUMP	CHAGRU0500
2	1	PLATE	CHB2003550
3	1	COVER	CHA2001570
4	4	SOCKET BOLT	CHSB1217100
5	4	PLAIN WASHER	CHPW120000
6	4	SPRING WASHER	CHSW120000
7	4	SOCKET BOLT	CHSB1217025
8	1	ADAPTER	CHBHSSG102
9	1	HOSE	CHE01743
	1	GREASE PUMP KIT (REFILL TYPE)	—

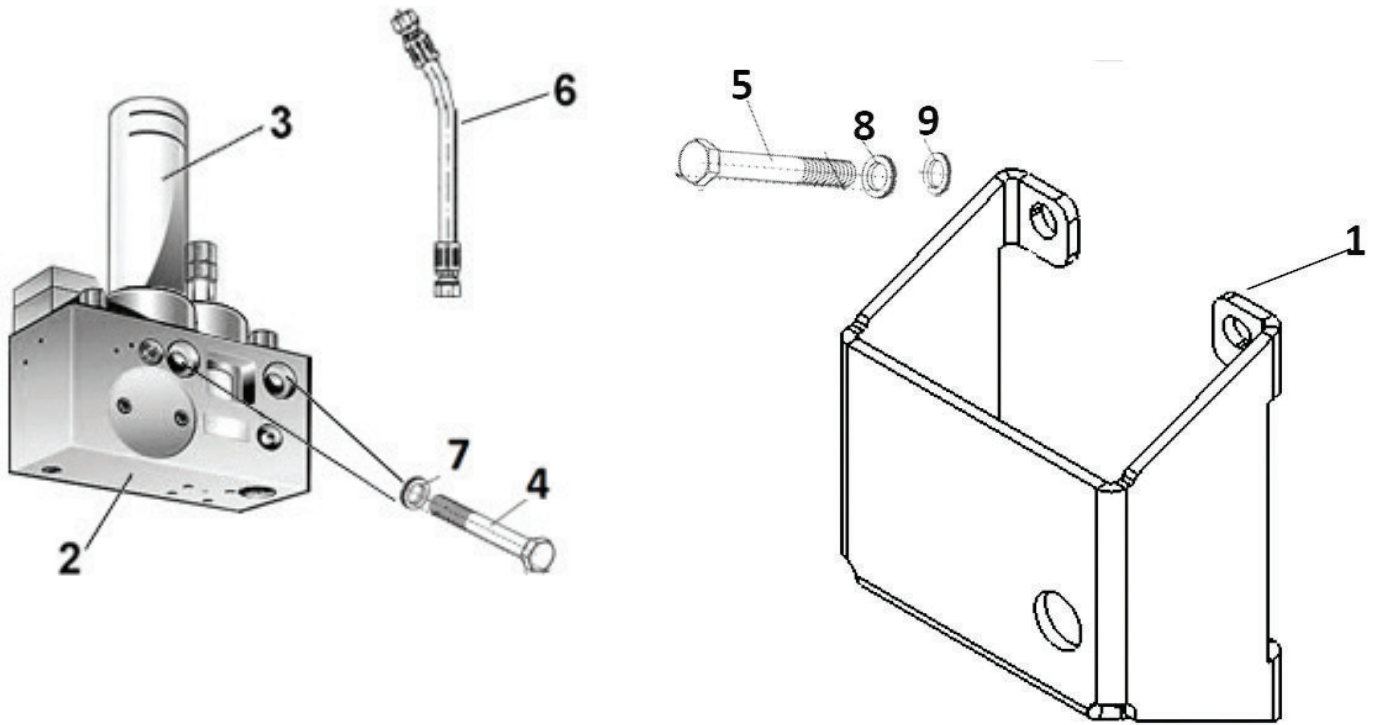
12.0 Breaker Mounted Lubricator - CH150



BREAKER MOUNTED LUBRICATOR		
ITEM	PARTS NO.	DESCRIPTION
	CHAGRU0500	PUMP
1	CHHLU-0300	11U-BODY
2	CHHL0101	RECHARGEABLE CARTRIDGE
3	CHHL0041	O-RING
4	CHHL0810	HANDLE
5	CHHL0920	PLUG
6	CHHL0360	ZERK
7	CHHNG18	ZERK -GREASE
8	CHHL0240	ADJUSTER
9	CHHNM1201	NUT
10	CHHL0350	BALL
11	CHHL0220	SPRING
12	CHHL0330	COVER
13	CHJBM0615	BOLT
14	CHHNG18	ZERK-GREASE

12.0 Breaker Mounted Lubricator - CH150

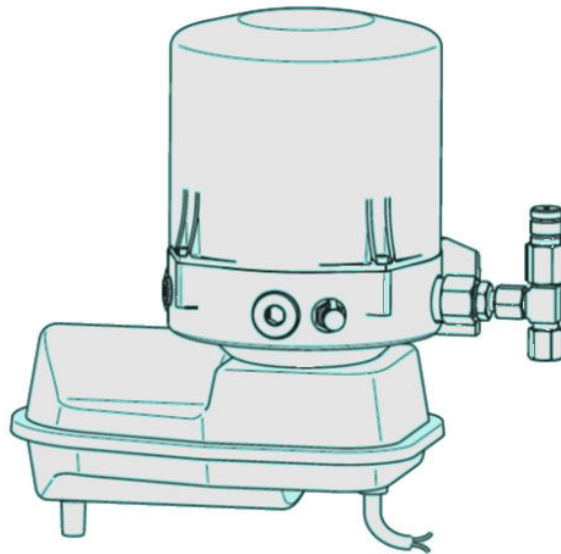
7.1 Breaker Mounted Lubricator



HYD. MOUNTED LUBRICATOR - CH150			
ITEM	QTY	DESCRIPTION	PN#
	1	KIT	CHPHBKD030
1	1	PUMP COVER	CHB6003220
2	1	PUMP ASSY	CHHAMAX2-100
*3	1	CARTRIDGE	CHE00933
4	2	HEX. BOLT	CHHB1420110
5	4	HEX. BOLT	CHHB1620035
6	3	HOSE (A/G PUMP)	CHB5005230
7	2	NORD LOCK WASHER	CHNDLW1600
8	4	PLAIN WASHER	CHPW160000
9	4	SPRING WASHER	CHSW160000

* Not sold separately - sold by the case

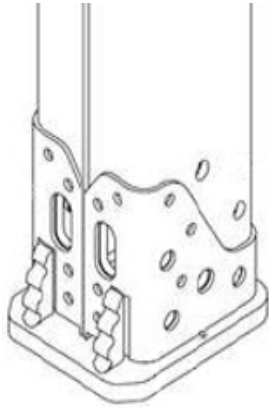
13.0 Breaker Carrier Mounted Lubricator - CH150



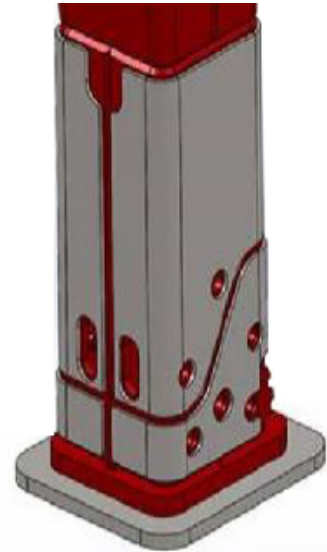
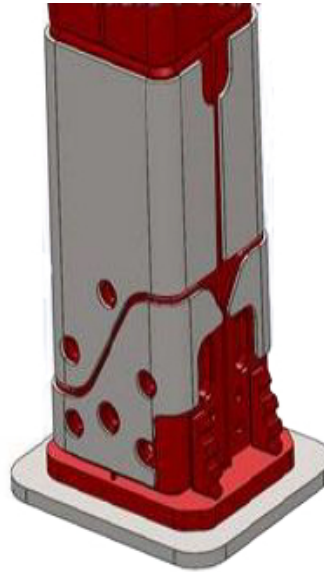
CARRIER MOUNTED LUBRICATOR - CH150		
MODEL	CARRIER MOUNTED LUBRICATOR KIT (CML)	PART NUMBER
CH150	DOUBLE PUMP	CHE00652

Kits include hoses, fittings, relay/circuit breaker, harness, signal light and couplers

14.0 Quarry Wear Guard Kit



**CURRENT STANDARD
HOUSING DESIGN**



QUARRY WEAR GUARD KIT

QUARRY WEAR GUARD KIT		
Model	DESCRIPTION	PART NUMBER
CH150	Quarry Wear Guard Kit CH150	CHE01112



920.238.6657

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